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Group 1600 Before Final	Assistant Commissioner for Patents	703-308-2742
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**MESSAGE**

Applicants: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Klunter

Serial No.: 09/779,334

Art Unit: 1651

Filed: February 8, 2001

Examiner: Jon P. Weber

For: USE OF ACID STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

## FAX RECEIVE

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GROUP 1600

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PTO/SB/21 (08-09)


Approved for use through 10/31/2002 OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/779,334
	Filing Date	February 8, 2001
	First Named Inventor	Carsten Sjoeholm
	Group Art Unit	1651
	Examiner Name	J. P. Weber
Total Number of Pages in This Submission	Attorney Docket Number	NOVT 100

ENCLOSURES <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$)

**Complete if Known**

Application Number	09/779,334
Filing Date	February 8, 2001
First Named Inventor	Carsten Sjoelholm
Examiner Name	J. P. Weber
Group Art Unit	1651
Attorney Docket No.	NOVT 100

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☐ Charge any additional fee(s) during the pendency of this application  
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**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra Claims Fee from below Fee Paid  
Total Claims 11 - 20 = 0 x 0 = 0  
Independent Claims 5 - 6 = 0 x 0 = 0  
Multiple Dependent 0 = 0

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

-0-

\*For number previously paid, if greater. For Reissues, see above.

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity | Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	60	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,040*	113	1,040*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,980	228	990	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(d)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Paid by Prior Filing Fee Paid

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Klunter

Serial No.: 09/779,334

Art Unit: 1651

Filed: February 8, 2001

Examiner: Jon P. Weber

For: USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

Assistant Commissioner for Patents  
Washington, D.C. 20231

## RESPONSE TO RESTRICTION REQUIREMENT

Sir:

Responsive to the Office Action mailed April 25, 2002, please amend the application as follows:

## In the Claims

1. (amended) [Use of at least one acid-stable protease in] An animal feed[, wherein the] comprising at least one protease selected from the group consisting of

(i) [is] proteases of the subtilisin family; and[/or]

(ii) [has] proteases having less than 10% residual activity when inhibited with SSI.

2. (amended) [Use of at least one acid-stable protease in the preparation of] A method of preparing a composition for use in animal feed, [wherein the] comprising adding to the feed at least one protease selected from the group consisting of

(i) [has] proteases having less than 10% residual activity when inhibited with SSI